

## ABSTRACT

A composition having an electrical conductivity sufficient to enable droplets to be easily charged when printing through a continuous jet with deflection printhead. The composition may include a halogenated hydrocarbon solvent, a co-solvent that is miscible with the halogenated hydrocarbon solvent, and a conductivity enhancing substance. The halogenated hydrocarbon solvent may be chloroform, and the co-solvent may be an alcohol, such as methanol or ethanol. The conductivity enhancing substance may be a salt that dissociates upon dissolution to form ions, or may be an acid or a polymer. The conductivity enhancing substance may be chosen to be benign if left in a printed product. The conductivity enhancing substance may be chosen to be volatile so as to be able to evaporate from whatever it is printed upon, and specifically may be chosen to be a liquid at room temperature. The conductivity enhancing substance may be chosen so as to comprise only carbon, oxygen, hydrogen and nitrogen, and in particular may be an ammonium salt; elements commonly found in bodily tissue. Alternatively, the conductivity enhancing substance may be chosen so as to contain ions of metals but only of certain specific metals.

900122.461 / 468099\_1.DOC